

COMMISSIONER FOR PATENTS
P.O.Box 1450, Alexandria, VA 22313-1450

Docket No. HT03-025/31

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: CHENG T. HORNG, LIUBO HONG, RU-YING TONG, YU-HSIA TONG

15364 U.S. PTO
10/849310

051904

For: A NOVEL BUFFER (SEED) LAYER FOR MAKING A HIGH-PERFORMANCE MAGNETIC TUNNELING JUNCTION

MRAM

Enclosed are:

- 2 sheets of drawing(s) - formal.
 An assignment of the invention to Headway Technologies, Inc. & Applied Spintronics Inc.
 An associate power of attorney Applicant claims small entity status
 Request & Certification under 35 USC 122(b)(2)(b)(i)

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	38 -20=	18
INDEP CLAIMS	4 -3=	1
		RATE
		x 18 =
		\$ 770.
		\$ 324.
		\$ 86.
		SUB TOTAL
		\$ 1,180.
		ASSIGNMENT
		\$40.
		TOTAL
		\$ 1,220.

Please charge my Deposit Account No. 19-0033 in the amount of \$ 1,220. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.

- Any additional filing fees required under 37 CFR §1.16.
 Any patent application processing fees under 37 CFR §1.17.

Respectfully submitted,
STEPHEN B. ACKERMAN, REG. NO. 37,761

EXPRESS MAIL CERTIFICATE

Express Mail No. EV385358678US

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450. Applicant and/or Attorney requests the date of deposit as the Filing Date.

5/19/04
Date of deposit

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Signature / Date